



1653

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2962.07US02

Pathak

Confirmation No.: 9723

Application No.: 10/068,807

Examiner: A. Mohamed

Filed: February 5, 2003

Group Art Unit: 1653

For: CROSSLINKING AGENTS AND METHODS OF USE

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
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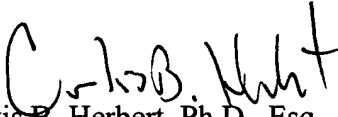
Sir:

Pursuant to 37 C.F.R. § 1.56, and in addition to information disclosed in Applicant's Information Disclosure Statement filed May 31, 2002 and June 4, 2003, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This information is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

Copies of the references were cited by or submitted to the Office in Patent Application No. 09/147,897, filed March 22, 1999, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these references are not attached. 37 C.F.R. § 1.98(d).

Respectfully submitted,

  
Curtis B. Herbert, Ph.D., Esq.  
Registration No. 45,443

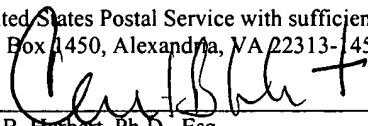
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 2962.07US02

Filing Date February 5, 2002

First Named Inventor Pathak

Art Unit 1653

Examiner Name A. Mohamed

Sheet 1 of 4 Attorney Docket Number 2962.07US02

## U.S. PATENT DOCUMENTS

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EXAMINER INITIAL*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
		US-2,533,004	12-05-1950	Ferry et al.
		US-3,520,949	07-21-1970	Shepard et al.
		US-4,101,380	07-18-1978	Rubinstein et al.
		US-4,359,049	11-16-1982	Redl et al.
		US-4,565,784	01-21-1986	Franzblau et al.
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		US-4,631,055	12-23-1986	Redl et al.
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		US-4,874,368	10-17-1989	Miller et al.
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		US-4,932,942	06-12-1990	Maslanka
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		US-4,938,763 (Reexam)	07-03-1990	Dunn
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		US-5,030,215	07-09-1991	Morse et al.

## FOREIGN PATENT DOCUMENTS

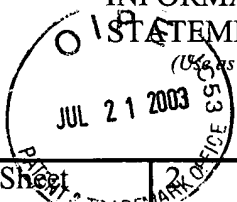
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
		WO 91/09641	07-11-1991	Morse, et al.	
		WO 94/03155	02-17-1994	Weissleder et al.	
		WO 94/13311	06-23-1994	Shorr et al.	
		WO 96/03159	02-08-1996	Barrows et al.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i> 		Application Number	2962.07US02
		Filing Date	February 5, 2002
		First Named Inventor	Pathak
		Art Unit	1653
		Examiner Name	A. Mohamed
Sheet 1 of 4	Attorney Docket Number	2962.07US02	

U.S. PATENT DOCUMENTS				
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		Number-Kind Code <sup>2</sup> (if known)		
		US-5,041,292	08-20-1991	Feijen
		US-5,104,909	04-14-92	Grasel
		US-5,116,315	09-01-1992	Capozzi et al.
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		US-5,573,934	11-12-1996	Hubbell et al.
		US-5,582,596	12-10-1996	Fukunaga et al.

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		WO 98/35631	08-20-1998	Pathak	
		WO 00/72852	12-07-2000	Amery et al.	
		WO 00/12018	03-09-2000	Cruise et al.	
		EP 0557199	08-25-1993	Bischoff	

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Sheet 3 of 4

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		Number-Kind Code <sup>2</sup> (if known)		
		US-5,605,541	02-25-1997	Holm
		US-5,626,863	05-06-1997	Hubbell et al.
		US-5,644,049	07-01-1997	Giusti et al.
		US-5,656,035	08-10-1999	Avoy
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		US-6,033,654	03-07-2000	Stredronsky et al.
		US-6,046,305	04-04-2000	Choi
		US-6,051,648	04-18-2000	Rhee et al.
		US-6,124,273	09-26-2000	Drohan et al.
		US-6,214,374	04-10-2001	Schmirler et al.
		US-6,251,382	06-26-2001	Greenwald et al.
		US-6,371,975	04-16-2002	Cruise et al.
		US-6,458,889	10-01-2002	Trollsas et al.

**FOREIGN PATENT DOCUMENTS**

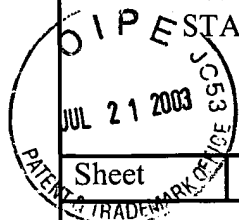
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				Examiner Name	A. Mohamed
Sheet	4	of	4	Attorney Docket Number	2962.07US02
NON PATENT LITERATURE DOCUMENTS					
EXAMINER INITIAL*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>2</sup>
		Kissell et al., "Parenteral depot-systems on the basis of biodegradable polyesters", <i>J of Controlled Release</i> 16:27-42 (1991).			
		Tabata et al., "Controlled Delivery Systems for Proteins Using Polyanhydride Microspheres" <i>Pharmaceutical Research</i> , Vol. 10, No. 4, 1993.			
		Mathiowitz et al., "Polyanhydride Microspheres As Drug Carriers I. Hot-Melt Microencapsulation", <i>J Controlled Release</i> 5:13-22 (1987).			
		Irwin et al., "The Effect of Cyclodextrins on the Stability of Peptides in Nasal Enzymic Systems" <i>Pharmaceutical Research</i> , Vol. 11, No. 12, 1994.			
		Pathak et al., "Rapid Photopolymerization of Immunoprotective Gels in Contact with Cells and Tissue", <i>J Am Chem. Soc.</i> , 114, 8311-8312 (1992).			
		Keogh et al., "Albumin binding surfaces for biomaterials", <i>Laboratory and Clinical Medicine</i> , 124.4:537-545 (1994).			
		Nihant et al., "Polylactide Microparticles Prepared by Double Emulsion-Evaporation", <i>J. Colloid &amp; Interface Science</i> 173:55-65 (1995).			
		Walther et al., "Pore-Size Distributions of Cationic Polyacrylamide Hydrogels of Different Compositions Maintained at the Same Swelling Capacity", <i>J. Macromol. Sci.-Phys.</i> B33 (3&4):267-286 (1994).			
		Sawhney et al., "Bioerodible Hydrogels Base don Photopholmerized Poly(ethylene glycol)-co-poly( $\alpha$ -hydroxy acid) Diacrylate Macromers", <i>Macromolecules</i> 26:581-587 (1993).			
		Reddi et al., "Polyurethane Microspheres as Drug Carriers", <i>Macromolecular Reports A32</i> :789-799 (1995).			
		Schlag & Redl, "Fribin Sealant in Orthopedic Surgery" <i>Fibrin Sealant in Operative Orthopedic Surgery</i> Vol. 1-7:269-284 (1986).			
EXAMINER SIGNATURE				DATE CONSIDERED	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p> <p>If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</p>					